

<u>Title:</u> PCR Optimization - Scun22 Primers: Scun22-F, Scun22-R	<u>Researcher:</u> TKLuckau Date: 2-Dec-2010
--	---

<u>Title:</u> PCR Optimization - Scun22 Primers: Scun22-F, Scun22-R	<u>Researcher:</u> TKLuckau Date: 2-Dec-2010
--	---

	Initial Denature	Denature	Anneal	Extension	Final Extension
Temp (°C)	94	94	56-62	72	72
Time (mm:ss)	3:00	0:30	0:30	0:30	3:00

35 cycles

		Big MM	Mini MM
<b>Reactions</b>	1	13.8	6.6
H <sub>2</sub> O	6.35	87.63	41.91
Buffer X	1.5	20.7	9.9
dNTPs (10mM, 2.5mM ea)	1	13.8	6.6
Scun22-F (20μM)	0.1	1.38	0.66
Scun22-R (20μM)	0.1	1.38	0.66
Taq	0.05	0.69	0.33
DNA (_ng/μL)	0.9	12.42	5.94
<b>Total Volume</b>	10	138	66

expecting band ~450 bp

[illegible]